PRIMARY SCIENCE PROJECT: Sun or Shade?

Background: On a hot sunny day, we often go into the shade to get cool.

Question: Is the air really cooler in the shade?

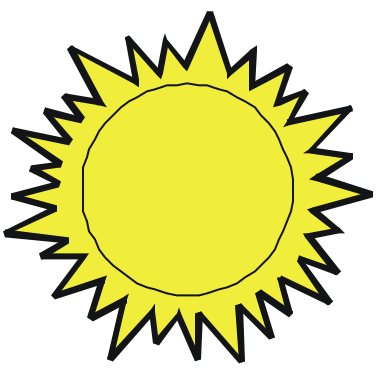
Hypothesis: The air is/is not cooler in the shade.

Materials: Thermometer and string

Procedure:

1. Hang the thermometer in the shade for five minutes. Record the temperature of the air.
2. Hang the thermometer in the sun for five minutes. Record the temperature of the air.

Analysis and Conclusion: Is the air really warmer in the sun?
Why does it feel like it is warmer in the sun?
Is the sun's energy hitting your skin?



WHERE IS IT COOLER?